Operation Instruction

Before operation

1. Check if the equipment runs in a correct direction and select sieve plates at desired granularity (discharge size: 6 mm or 13 mm).

2. Install the sieve plate and check if crushing cavity is properly locked. Remove the remaining sample in sample box.

3. After all preparation work, switch on the equipment to check if it runs normally. It should be stopped if any abnormal sound is heard.

4. Rotate operating handle to check if flashboard moves freely without blocking.

Operation

1. Press the green button to start the equipment.

2. Open feed hopper lid when it runs normally. Feed samples to be crushed into feed hopper.

3. Hold operating handle to feed sample into crushing cavity uniformly. Do not feed too fast or too much.

4. Stop crushing when sample box is filled with samples.

5. After all samples are crushed, disconnect equipment from facility power. Open crushing cavity and remove sample residue inside cavity and sample box. After cleaning, lock crushing cavity and load sample box into equipment for next crushing.

Hazards

1. Do power off the equipment when opening the crushing cavity or replacing sieve plates.

2. Do NOT put hands into top hopper to clean or push sample when it's running.

Daily Maintenance

1. Clean remaining residue on the surface or inside of equipment after each operation.

2. Check the grease cups on both bearings of rotor assembly every two months. Fill lubricating oil as

   necessary. The filling interval is determined by operation intensity.

3. Check the V-belt every three months. The wearing or aging belt may cause slip during operation.

4. Check the sieve plate and hammer. Replace it when discharge size is maximized or crushing efficiency is

   decreased.

5. Fasten retaining screws on equipment every month, as high-frequency vibration will occur when it's

   running.

6. Check electric components like power cords and electromagnetic starter, etc in equipment regularly. Check

   if the power cords are properly connected.